

REMARKS

The present invention is an electronic program guide system associated with a broadcast receiver in a broadcast system, a method for browsing programs selected for display in a second display area of an electronic program guide system associated with a broadcast receiver; a computer program product stored on a computer readable storage medium comprising computer readable program code means for causing the computer to perform steps; and a computer program product directly loadable into an internal memory of a digital computer comprising software code portions for performing steps when the product is run on a computer. An electronic program guide system 1 associated with a broadcast receiver in a broadcast system in accordance with an embodiment of the invention includes receiving means for receiving at least one electronic program guide corresponding to the broadcast system; first display generation means for generating display of said electronic program guide in a first display area of a display unit associated with said broadcast receiver; selecting means for selecting a desired program from said electronic program guide; setting means for controlling the associated broadcast receiver to set to the selected program; second display generation means for generating display during browsing of the electronic program of the selected program in a second display area of the display unit; and storage means for storing parameters identifying said selected program; and wherein additional program selections cause setting the broadcast receiver to said selected program display of the additionally selected programs in the second display area and addition of the

parameters identifying the additionally selected programs to a list of selected programs stored in the storage means.

Claims 1-7, 10, 13, 22-28, 33-34 stand rejected under 35 U.S.C. §102 as being unpatentable over WO 97/34414 (Yuen et al). These grounds of rejection are traversed for the following reasons.

Each of the independent claims substantively recites the generation of a display of an electronic program guide in a first display area of a display unit associated with a broadcast receiver, selecting a desired program from the electronic program guide and generating a display during browsing of the electronic program guide of the selected program in a second area of the display unit.

Electronic program guides are application programs which provide apparatus, such as a set-top box, television receiver, etc. with control of functionality of the apparatus as described in page 1, lines 14-25, of the specification.

Furthermore, EPGs are known which have picture-in-picture display of a TV program in a small part of the full screen when the EPG is entered such that one area displays program information and a PIP area displays the program which was being viewed when entering the EPG. See the discussion of WO 97/34414 (Yuen et al) on page 2, lines 1-8, of the specification.

Yuen et al disclose a television system which permits the selection of multiple electronic program guides as illustrated in Figs. 2-5 which include a SURF guide as illustrated in Figs. 2 and 3.

Yuen et al's electronic program SURF guide, as illustrated in Fig. 2, includes a banner 43 for selecting other program guides from the SURF guide screen, a PIP window 42 which displays the program being broadcast on the last channel while in

TV mode, window 44 which provides a brief program description of the program being displayed in area 46 and cursor area 48 showing the selection of a different channel to be displayed in the PIP window from the previously viewed channels before entry into the program guide to SURF.

Yuen et al clearly describes that selection of video program to be watched causes the viewer to leave the EPG. See page 5, lines 30-33.

Since each of the independent claims requires the selection of a desired program from the electronic program guide followed by the display during browsing of the electronic program guide in a second display area of the selected program while operating in the electronic program guide system, Yuen et al is not pertinent to the claimed invention. Once it is considered that the selection of a channel causes the departure from the EPG in Yuen et al, the limitations involving display of a program selected while in the EPG system and then providing for a second display during browsing of the EPG system, cannot be met by the operation of Yuen et al.

Moreover, there is no basis in the record why a person of ordinary skill in the art would be led to modify the teachings of Yuen et al to arrive at the subject matter of the independent claims.

Furthermore, dependent claims 2-7, 10, 13, and 23-27 define further aspects of the present invention which are not anticipated by Yuen et al. The Examiner's analysis of the dependent claims is based upon the same erroneous conclusion regarding Yuen et al teaching a second display area which, as pointed out above, is not taught since Yuen et al only provides for the display of a first area involving the EPG with there being no counterpart of the second area during browsing of the electronic program for the reasons set forth above and as below:

(1) Accordingly, the recitations in claims 2-7 involving the second display area are not met.

(2) Claims 10 and 13 are not anticipated for the reasons set forth above with respect to claim 1.

(3) Dependent claims 23-28 further limit claim 22 regarding recitations of a second display area involved with the electronic program guide system which, for the reasons set forth above, has no counterpart in Yuen et al.

Claims 8-9, 11, 15-18, 20 and 29-32 stand rejected under 35 U.S.C. §103 as being unpatentable over Yuen et al in view of United States Publication 2002/0152459 (Bates et al). These grounds of rejection are traversed for the following reasons:

(1) Bates et al do not cure the deficiencies noted above with respect to Yuen et al.

(2) Claims 8 and 9 further limit claims 1 and 8 respectively pertaining to the second display area which Bates et al does not teach. Accordingly, claims 8 and 9 are not obvious.

(3) Claim 11 is patentable for the same reasons set forth above with respect to claim 8 in that Bates et al do not cure the deficiencies noted above with respect to Yuen et al.

(4) Claim 15 is patentable for the same reasons set forth above with respect to claim 1 in that Yuen et al does not disclose the utilization of the electronic program guide in association with the first display area selecting of a desired from the electronic program guide and the generation of a display in a second display area of the selected program. Bates et al do not cure this deficiency.

(5) Claim 16 further limits claim 15 regarding a fifth input means for selecting the program being displayed in the second display area which is not rendered obvious by the combination of Yuen et al and Bates et al.

(6) Claims 17 and 18 are patentable for the same reasons set forth above with respect to claim 15.

(7) Claim 20 is patentable for the same reasons set forth above with respect to claim 15.

(8) Claims 29 and 30 further limit the utilization of the second display area which is patentable since Bates et al do not cure the deficiencies in Yuen et al regarding the second display area.

(9) Claims 31 and 32 are patentable for the same reasons set forth above with respect to the preceding independent claims in that these claims recite a method for browsing programs which includes display on a second display area of an electronic program system in combination with the selecting of a desired program for the electronic program guide in combination with also displaying from the electronic program guide in a first area of the display unit which has no counterpart in the combined teachings of Yuen et al and Bates et al for the reasons set forth above.

Claims 12 and 14 stand rejected under 35 U.S.C. §103 as being unpatentable over Yuen et al in view of U.S. Patent 6,130,726 (Darby et al). These grounds of rejection are traversed for the following reasons. Darby et al do not cure the deficiencies noted above with respect to Yuen et al regarding claim 1.

Claims 19 and 21 stand rejected under 35 U.S.C. §103 as being unpatentable over Yuen et al in view of Bates et al further in view of Darby et al. These grounds

of rejection are traversed for the following reasons. Darby et al do not cure the deficiencies noted above with respect to Yuen et al and Bates et al.


In view of the foregoing amendments and remarks, it is submitted that each of the claims in the application is in condition for allowance.

Accordingly, early allowance thereof is respectfully requested.

To the extent necessary, Applicants petition for an extension of time under 37 C.F.R. §1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (1124.40312X00) and please credit any excess fees to such Deposit Account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP



Donald E. Stout
Registration No. 26,422
(703) 312-6600

Attachments

DES:dlh